

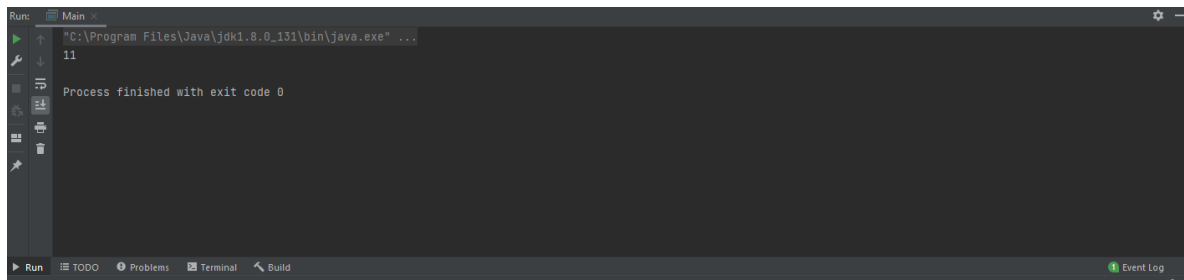
FIND LUCKY DIGITS :

PROGRAM:

```
package com.company;
import java.util.*;
class LuckyDig
{
    public static void main(String s[])
    {
        FindLuckyDigit f=new FindLuckyDigit ();
        ArrayList<Integer> al=new ArrayList<Integer>();

        for(int i=0;i<s.length;i++)
        {
            al.add(Integer.parseInt(s[i]));
        }
        System.out.println(f.lucky (al));
    }
}
class FindLuckyDigit
{
    public int lucky(ArrayList<Integer> input1)
    {
        String s[] = new String[input1.size()];
        int i=0;
        for(Integer g: input1)
        {
            if(g<11||g>9999) {
                return -99;
            }
            s[i++]=Integer.toString(g);
        }
        int l=s.length,j;
        int sum=0;
        int p[]={2,3,5,7};
        c:for(i=0;i<4;i++){
            String t=Integer.toString(p[i]);
            for(j=0;j<l;j++){
                if(!(s[j].contains(t))){
                    continue c;
                }
            }
            sum+=p[i];
        }
        if(sum==0) {
            return -999;
        }
        while(sum>9) {
            sum=sum/10+sum%10;
        }
        while(sum!=2&&sum!=3&&sum!=5&&sum!=7&&sum!=11) {
            sum+=1;
        }
        return sum;
    }
}
```

OUTPUT:



The screenshot shows the Run console of an IDE. The console output is as follows:

```
Run: Main
C:\Program Files\Java\jdk1.8.0_131\bin\java.exe" ...
11
Process finished with exit code 0
```

The bottom status bar of the IDE shows the following tabs: Run, TODO, Problems, Terminal, and Build. The Run tab is currently active, and the Event Log is visible in the bottom right corner.